



# Aquaculture abalone residue testing annual datasets 2021-22

National Residue Survey (NRS), Department of Agriculture, Fisheries and Forestry

## Dataset abbreviations

**LOR** Limit of reporting.

**MRL** Maximum Residue Limit.

**no limit** No Australian standard applicable for the contaminant. The 'as low as reasonably achievable' principle applies. Detections at low levels are allowable.

**not defined** Standards are not defined in inedible matrixes (urine, retina and faeces).

**not set** No Australian standard has been set for the chemical in the edible matrix and any detection is a contravention of the Australia New Zealand Food Standards Code.

## Disclaimer

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**Table 1: ANTIBIOTICS**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to $\leq \frac{1}{2}$ MRL	> $\frac{1}{2}$ MRL to $\leq$ MRL	>MRL
AHD	Flesh	0.0004	not set	2	0	0	0
amoxicillin	Flesh	0.01	not set	10	0	0	0
AMOZ	Flesh	0.000077	not set	2	0	0	0
ampicillin	Flesh	0.01	not set	10	0	0	0
AOZ	Flesh	0.000072	not set	2	0	0	0
apramycin	Flesh	0.25	not set	10	0	0	0
avilamycin	Flesh	0.1	not set	10	0	0	0
benzyl G penicillin	Flesh	0.01	not set	10	0	0	0
ceftiofur (desfuroylceftiofur)	Flesh	0.2	not set	10	0	0	0
cefuroxime	Flesh	0.05	not set	10	0	0	0
cephalonium	Flesh	0.05	not set	10	0	0	0
chloramphenicol	Flesh	0.0001	not set	3	0	0	0
chlortetracycline	Flesh	0.01	not set	10	0	0	0
ciprofloxacin	Flesh	0.002	not set	10	0	0	0
cloxacillin	Flesh	0.05	not set	10	0	0	0



danofloxacin	Flesh	0.002	not set	10	0	0	0
difloxacin	Flesh	0.002	not set	10	0	0	0
dihydrostreptomycin	Flesh	0.1	not set	10	0	0	0
doxycycline	Flesh	0.01	not set	10	0	0	0
enrofloxacin	Flesh	0.002	not set	10	0	0	0
erythromycin	Flesh	0.1	not set	10	0	0	0
florfenicol	Flesh	0.003	not set	3	0	0	0
flumequine	Flesh	0.002	not set	10	0	0	0
gatifloxacin	Flesh	0.002	not set	10	0	0	0
gentamycin	Flesh	0.1	not set	10	0	0	0
levofloxacin	Flesh	0.002	not set	10	0	0	0
lincomycin	Flesh	0.1	not set	10	0	0	0
lomefloxacin	Flesh	0.002	not set	10	0	0	0
marbofloxacin	Flesh	0.002	not set	10	0	0	0
moxifloxacin	Flesh	0.002	not set	10	0	0	0
nalidixic acid	Flesh	0.002	not set	10	0	0	0
neomycin	Flesh	0.1	not set	10	0	0	0
norfloxacin	Flesh	0.002	not set	10	0	0	0
oleandomycin	Flesh	0.2	not set	10	0	0	0
orbifloxacin	Flesh	0.002	not set	10	0	0	0
oxolinic acid	Flesh	0.002	not set	10	0	0	0
oxytetracycline	Flesh	0.01	not set	10	0	0	0
sarafloxacin	Flesh	0.002	not set	10	0	0	0
SEM	Flesh	0.00041	not set	2	0	0	0
streptomycin	Flesh	0.1	not set	10	0	0	0
sulfachloropyridazine	Flesh	0.05	not set	10	0	0	0
sulfadiazine	Flesh	0.05	not set	10	0	0	0
sulfadimethoxine	Flesh	0.05	not set	10	0	0	0
sulfadimidine (sulfamethazine)	Flesh	0.05	not set	10	0	0	0
sulfadoxine	Flesh	0.05	not set	10	0	0	0
sulfafurazole	Flesh	0.05	not set	10	0	0	0
sulfamerazine	Flesh	0.05	not set	10	0	0	0
sulfamethoxazole	Flesh	0.05	not set	10	0	0	0
sulfamethoxydiazine (sulfameter)	Flesh	0.05	not set	10	0	0	0
sulfamethoxypyridazine	Flesh	0.05	not set	10	0	0	0
sulfapyridine	Flesh	0.05	not set	10	0	0	0
sulfaquinoxaline	Flesh	0.05	not set	10	0	0	0
sulfathiazole	Flesh	0.05	not set	10	0	0	0
sulfatroxazole	Flesh	0.05	not set	10	0	0	0



tetracycline	Flesh	0.01	not set	10	0	0	0
thiamphenicol	Flesh	0.0029	not set	3	0	0	0
tilmicosin	Flesh	0.2	not set	10	0	0	0
trimethoprim	Flesh	0.05	not set	10	0	0	0
tulathromycin	Flesh	0.3	not set	10	0	0	0
tylosin	Flesh	0.1	not set	10	0	0	0
virginiamycin	Flesh	0.005	not set	10	0	0	0

\*In some instances, tetracycline may be present as an impurity in a chlortetracycline or oxytetracycline product and is not considered to be a violative residue.

**Table 2: CONTAMINANTS**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
aldrin and dieldrin (HHDN+HEOD)	Flesh	0.02	0.1	1	0	0	0
arochlor 1254	Flesh	0.03	not set	1	0	0	0
arochlor 1260	Flesh	0.03	not set	1	0	0	0
chlordane	Flesh	0.02	0.05	1	0	0	0
DDT	Flesh	0.02	1	1	0	0	0
endrin	Flesh	0.01	not set	1	0	0	0
HCB	Flesh	0.02	0.1	1	0	0	0
HCH	Flesh	0.02	0.01	1	0	0	0
heptachlor	Flesh	0.02	0.05	1	0	0	0
lindane (gamma-HCH)	Flesh	0.02	1	1	0	0	0
mirex	Flesh	0.05	not set	1	0	0	0
toxaphene	Flesh	0.03	not set	1	0	0	0

**Table 3: DYES**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
brilliant green	Flesh	0.00022	not set	1	0	0	0
crystal violet	Flesh	0.00014	not set	1	0	0	0
leucocrystal violet	Flesh	0.0005	not set	1	0	0	0
leucomalachite green	Flesh	0.00044	not set	1	0	0	0
malachite green	Flesh	0.00025	not set	1	0	0	0
methylene blue	Flesh	0.0011	not set	1	0	0	0
victoria blue B	Flesh	0.00066	not set	1	0	0	0
victoria blue R	Flesh	0.00025	not set	1	0	0	0
victoria pure blue BO	Flesh	0.0011	not set	1	0	0	0



**Table 4: METALS**

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>LOR to ≤½MRL	>½MRL to ≤MRL	>MRL
antimony	Flesh	0.01	no limit	3	0	0	0
arsenic (total)	Flesh	0.05	no limit	3	3	0	0
cadmium	Flesh	0.01	2	3	3	0	0
chromium	Flesh	0.05	no limit	3	0	0	0
lead	Flesh	0.01	2	3	0	0	0
mercury (total)	Flesh	0.01	1	3	2	0	0